

FIELD PERFORMANCE with Interference and Impairments

Condition		Speech			Voiceover			Popular		
		IBOC	Delphi	Pioneer	IBOC	Delphi	Pioneer	IBOC	Delphi	Pioneer
1st Adjacent Interference (strong)	MOS	2.1	1.0	1.6						
	CI (+/-)	0.24	0.05	0.22						
1st Adjacent Interference (moderate)	MOS	2.7	1.2	2.6	3.7	1.4	2.8			
	CI (+/-)	0.29	0.13	0.23	0.31	0.19	0.27			
2nd Adjacent Interference (strong)	MOS	3.2	3.4	3.1	3.8	3.4	3.3			
	CI (+/-)	0.28	0.24	0.24	0.25	0.24	0.25			
2nd Adjacent Interference (moderate)	MOS	2.7	3.4	2.9	3.4	3.4	3.1			
	CI (+/-)	0.34	0.22	0.20	0.29	0.27	0.27			
EMI	MOS	3.5	3.1	2.6	2.8	2.8	1.7			
	CI (+/-)	0.30	0.30	0.26	0.34	0.29	0.25			
Fade	MOS	3.6	3.4	2.9						
	CI (+/-)	0.27	0.24	0.25						
Night/Skywave	MOS	3.1	3.0	2.9				4.1	3.7	3.4
	CI (+/-)	0.33	0.29	0.27				0.30	0.25	0.26
Power Line Interference	MOS	3.5	3.4	2.9	4.1	2.8	2.8			
	CI (+/-)	0.29	0.25	0.24	0.31	0.23	0.23			
Power Line Re-Radiation	MOS	3.5	3.4	3.2						
	CI (+/-)	0.28	0.28	0.25						
Underpass/Overpass	MOS	2.8	3.0	2.3	2.8	2.8	2.7			
	CI (+/-)	0.28	0.23	0.23	0.24	0.28	0.23			

FIELD PERFORMANCE with Blend Conditions

Blend Type		Classical			Speech			Popular		
		IBOC	Delphi	Pioneer	IBOC	Delphi	Pioneer	IBOC	Delphi	Pioneer
Core to Analog	MOS	2.6	2.6	2.1	1.6	1.2	1.6	2.2	2.9	2.6
	CI (+/-)	0.36	0.26	0.24	0.23	0.14	0.22	0.31	0.30	0.28
Enhanced to Analog	MOS				2.4	2.3	2.1			
	CI (+/-)				0.29	0.25	0.22			
Enhanced to Core	MOS	4.4	3.1	3.1	2.5	1.2	2.0	4.2	2.8	2.6
	CI (+/-)	0.25	0.31	0.26	0.33	0.13	0.23	0.25	0.29	0.37

LAB PERFORMANCE with Impulse Noise

Adjacent		Pulse		Classical			Rock			Speech			VoiceOver			Total		
Interferer	Mode	Rate		IBOC	Delphi	Sony	IBOC	Delphi	Sony	IBOC	Delphi	Sony	IBOC	Delphi	Sony	IBOC	Delphi	Sony
None	Core	120	MOS	3.9	2.3	1.9	4.2	2.2	2.1	2.6	1.6	1.5	3.1	1.9	1.6	3.4	2.0	1.7
			CI (+/-)	0.27	0.22	0.17	0.22	0.25	0.19	0.38	0.19	0.16	0.32	0.23	0.21	0.18	0.12	0.10
		510	MOS	3.5	2.8	2.1	4.3	2.9	2.5	2.9	1.6	1.5	3.1	2.1	1.8	3.5	2.3	2.0
	Enhanced		CI (+/-)	0.38	0.32	0.30	0.17	0.31	0.28	0.37	0.22	0.23	0.37	0.25	0.25	0.19	0.16	0.14
		120	MOS	3.5	2.7	2.2	3.9	2.5	2.6	3.1	1.8	1.7	3.0	2.1	1.8	3.4	2.3	2.1
			CI (+/-)	0.29	0.32	0.27	0.23	0.31	0.27	0.39	0.23	0.22	0.31	0.25	0.21	0.16	0.15	0.13
Lower 1st Adj D/U +6	Core	120	MOS	4.5	3.0	2.5	4.5	2.7	2.6	4.2	2.5	2.1	3.8	2.8	2.6	4.2	2.7	2.4
			CI (+/-)	0.19	0.31	0.29	0.23	0.25	0.25	0.33	0.25	0.24	0.28	0.25	0.22	0.14	0.13	0.13
		510	MOS	4.5	3.4	2.6	4.5	3.0	2.9	4.1	2.6	2.4	3.9	2.6	2.5	4.3	2.9	2.6
	Enhanced		CI (+/-)	0.22	0.29	0.31	0.22	0.30	0.32	0.27	0.29	0.29	0.26	0.24	0.27	0.13	0.15	0.15
		120	MOS	4.4	2.8	2.3	4.1	2.5	2.5	3.8	2.4	2.2	4.0	2.7	2.4	4.1	2.6	2.3
			CI (+/-)	0.26	0.24	0.29	0.23	0.29	0.28	0.26	0.26	0.29	0.28	0.31	0.28	0.13	0.14	0.14

LAB PERFORMANCE - AWGN Characterization

IBOC	Classical	Rock	Speech	VoiceOver	Total
MOS	4.7	4.5	4.0	3.9	4.1
CI (+/-)	0.16	0.19	0.30	0.27	0.14

LAB PERFORMANCE - Co-Channel and 1st Adjacent Interference

Primary Interferer	Mode	Secondary Interferer		Classical					Rock				
				IBOC	Delphi	Pioneer	Sony	Technics	IBOC	Delphi	Pioneer	Sony	Technics
Co-Channel	Core	NONE	MOS CI (+/-)	4.7 0.17	1.8 0.23	1.8 0.24			4.5 0.20	3.1 0.25	3.1 0.25	3.2 0.21	
	Enhanced	NONE	MOS CI (+/-)	4.7 0.17	2.2 0.23	2.1 0.29			4.6 0.18	3.1 0.25	3.1 0.25	3.4 0.25	
Lower 1st Adj	Core	NONE	MOS CI (+/-)	4.3 0.24	failure ¹	1.0 0.05	1.0 0.05	1.0 0.00	3.8 0.28	1.5 0.23	1.1 0.07	1.1 0.07	1.0 0.05
		Upper 1st +6	MOS CI (+/-)	4.3 0.23	2.7 0.22	2.6 0.26	1.6 0.23	2.3 0.29	3.3 0.34	2.4 0.29	2.6 0.31	2.0 0.26	2.5 0.30
	Enhanced	NONE	MOS CI (+/-)	3.9 0.32	2.4 0.23	1.8 0.21	2.3 0.30	1.9 0.23	4.0 0.24	3.1 0.25	3.3 0.25	3.0 0.30	3.1 0.26

Primary Interferer	Mode	Secondary Interferer		Speech					VoiceOver				
				IBOC	Delphi	Pioneer	Sony	Technics	IBOC	Delphi	Pioneer	Sony	Technics
Co-Channel	Core	NONE	MOS	4.3		1.8		1.9	3.8		3.0		3.1
			CI (+/-)	0.24		0.21		0.24	0.25		0.29		0.32
Lower 1st Adj	Enhanced	NONE	MOS	4.5		2.1		2.1	3.9		3.0		3.2
			CI (+/-)	0.24		0.24		0.21	0.23		0.28		0.28
Upper 1st Adj	Core	NONE	MOS	3.9	failure ¹	failure ¹	failure ¹	failure ¹	2.5	failure ¹	failure ¹	failure ¹	failure ¹
			CI (+/-)	0.25					0.33				
		Upper 1st +6	MOS	3.8	2.5	2.6	1.8	2.3	3.4	2.9	2.9	2.1	2.6
			CI (+/-)	0.31	0.24	0.23	0.23	0.22	0.25	0.25	0.29	0.29	0.33
	Enhanced	NONE	MOS	4.0	2.6	2.4	2.6	2.5	2.3	2.3	2.1	1.8	2.0
			CI (+/-)	0.26	0.24	0.26	0.27	0.24	0.27	0.24	0.29	0.18	0.25

Primary Interferer	Mode	Secondary Interferer		Total				
				IBOC	Delphi	Pioneer	Sony	Technics
Co-Channel	Core	NONE	MOS CI (+/-)	4.3 0.12		2.4 0.16		2.5 0.16
	Enhanced	NONE	MOS CI (+/-)	4.4 0.12		2.6 0.14		2.7 0.16
Lower 1st Adj	Core	NONE	MOS CI (+/-)	3.6 0.17	1.5 0.12	1.0 0.03	1.0 0.03	1.0 0.02
		Upper 1st +6	MOS CI (+/-)	3.7 0.16	2.6 0.13	2.6 0.14	1.8 0.13	2.4 0.14
	Enhanced	NONE	MOS CI (+/-)	3.5 0.18	2.6 0.13	2.4 0.15	2.4 0.15	2.3 0.14

'failure' -- Using "failure" criteria,
sample could not be
subjectively tested

LAB PERFORMANCE - 2nd and 3rd Adjacent Interference

Primary Interferer	Mode	Secondary Interferer	Data	Classical IBOC Sony Tech.	Rock IBOC Sony Tech.	Speech IBOC Sony Tech.	VoiceOver IBOC Sony Tech.	Total IBOC Sony Tech.
Lower 2nd Adj	Core	NONE	MOS CI (+/-)	4.0 0.26 1.2 failure ¹ 0.26 0.15	3.7 0.32 1.9 failure ¹ 0.30	3.6 0.30 1.2 failure ¹ 0.13	3.5 0.31 1.6 failure ¹ 0.22	3.7 0.15 1.5 failure ¹ 0.11
		U1 +6	MOS CI (+/-)	4.3 0.23 1.9 0.24 3.1 0.28	4.0 0.25 2.1 0.31 3.1 0.28	3.9 0.37 1.6 0.21 2.0 0.26	3.3 0.33 2.0 0.23 2.9 0.28	3.9 0.16 1.9 0.13 2.8 0.15
		U2 0	MOS CI (+/-)	4.4 0.20 3.9 0.26 3.8 0.26	4.3 0.24 3.5 0.29 2.9 0.27	4.1 0.25 4.0 0.23 3.9 0.25	3.6 0.29 3.6 0.24 3.7 0.25	4.1 0.13 3.8 0.13 3.6 0.14
	Enhanced	NONE	MOS CI (+/-)	4.4 0.15 2.0 0.31 1.7 0.23	4.1 0.21 2.7 0.33 2.1 0.26	3.9 0.29 2.7 0.36 1.2 0.11	3.9 0.22 2.8 0.32 1.7 0.20	4.1 0.12 2.5 0.17 1.7 0.12
		U2 0	MOS CI (+/-)	4.3 0.25 3.8 0.29 3.8 0.26	4.6 0.17 3.2 0.28 3.2 0.25	4.4 0.22 4.1 0.24 4.0 0.21	3.9 0.28 3.6 0.29 3.5 0.22	4.3 0.12 3.7 0.15 3.6 0.13
Lower 3rd Adj	Core	NONE	MOS CI (+/-)	4.2 failure ¹ 0.23 failure ¹	4.3 failure ¹ 0.20 failure ¹	3.8 failure ¹ 0.30 failure ¹	2.7 failure ¹ 0.32 failure ¹	3.7 failure ¹ 0.17 failure ¹
	Enhanced	NONE	MOS CI (+/-)	4.2 0.20 1.3 failure ¹ 0.16	4.5 0.20 1.7 failure ¹ 0.19	4.3 0.24 1.2 failure ¹ 0.12	2.3 0.30 1.2 failure ¹ 0.15	3.8 0.18 1.4 failure ¹ 0.08

failure¹ -- Using "failure" criteria,
sample could not be
subjectively tested

FIELD COMPATIBILITY - Host

		Popular		Speech		Voiceover		Total	
		No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC
Delphi	MOS	4.1	4.1	4.2	4.2	3.9	3.6	4.1	4.0
	CI (+/-)	0.14	0.13	0.17	0.16	0.25	0.24	0.10	0.10
Pioneer	MOS	4.2	3.9	4.2	3.3	4.2	2.7	4.2	3.5
	CI (+/-)	0.14	0.15	0.16	0.20	0.21	0.25	0.09	0.12
Sony	MOS	4.2	3.1	4.2	2.7	4.2	2.6	4.2	2.9
	CI (+/-)	0.14	0.22	0.15	0.22	0.22	0.30	0.09	0.14
Technics	MOS	2.7	2.6	3.5	2.9	3.5	2.7	3.1	2.7
	CI (+/-)	0.20	0.20	0.19	0.18	0.26	0.23	0.14	0.13

FIELD COMPATIBILITY - 1st Adjacent Interference - 10 kHz

	D/U group	Data	Speech	
			No IBOC	IBOC
Delphi	13,15,16dB	MOS CI (+/-)	3.5 0.19	2.9 0.20
Pioneer	13,15,16dB	MOS CI (+/-)	3.7 0.19	3.0 0.21
Sony	13,15,16dB	MOS CI (+/-)	2.0 0.17	2.0 0.17
Technics	13,15,16dB	MOS CI (+/-)	2.4 0.23	2.1 0.19

FIELD COMPATIBILITY - 1st Adjacent Interference - 5 kHz

	D/U group	Data	Popular		Speech		Voiceover	
			No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC
Delphi	10dB	MOS			2.0	1.7		
		CI (+/-)			0.22	0.25		
	13,15,16dB	MOS	3.2	2.3	2.5	2.3	2.5	1.6
		CI (+/-)	0.28	0.23	0.14	0.14	0.20	0.25
Pioneer	10dB	MOS			1.6	1.6		
		CI (+/-)			0.20	0.22		
	13,15,16dB	MOS	2.5	1.5	3.0	2.4	1.7	1.3
		CI (+/-)	0.22	0.19	0.14	0.12	0.19	0.16
Sony	10dB	MOS			1.65	1.6		
		CI (+/-)			0.23	0.23		
	13,15,16dB	MOS	1.7	1.5	1.8	1.7	1.3	1.5
		CI (+/-)	0.23	0.23	0.11	0.11	0.15	0.19
Technics	10dB	MOS			1.4	1.3		
		CI (+/-)			0.18	0.16		
	13,15,16dB	MOS	1.3	1.2	2.1	1.7	1.2	1.1
		CI (+/-)	0.14	0.18	0.15	0.10	0.15	0.08

FIELD COMPATIBILITY - 2nd Adjacent Interference

	D/U		Gospel		Speech	
			No IBOC	IBOC	No IBOC	IBOC
Delphi	9-10dB	MOS CI (+/-)	1.5 0.23	1.5 0.20	2.8 0.37	2.7 0.35
	16dB	MOS CI (+/-)			3.7 0.16	3.8 0.16
	21dB	MOS CI (+/-)			3.1 0.19	3.2 0.19
Pioneer	9-10dB	MOS CI (+/-)	1.8 0.29	1.9 0.27	2.7 0.38	2.8 0.42
	16dB	MOS CI (+/-)			3.9 0.14	3.9 0.16
	21dB	MOS CI (+/-)			3.2 0.18	3.4 0.15
Sony	9-10dB	MOS CI (+/-)	1.4 0.22	1.4 0.22	1.7 0.23	1.8 0.24
	16dB	MOS CI (+/-)			2.8 0.18	2.2 0.17
	21dB	MOS CI (+/-)			2.6 0.21	2.6 0.19
Technics	9-10dB	MOS CI (+/-)			2.8 0.17	2.6 0.16
	16dB	MOS CI (+/-)			3.5 0.17	3.1 0.18
	21dB	MOS CI (+/-)			2.9 0.16	3.0 0.16

LAB COMPATIBILITY - Host

		Classical		Rock		Speech		VoiceOver		Total	
		No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC
Delphi	MOS	4.2	4.2	3.7	3.6	4.3	4.1	3.9	3.8	4.0	3.9
	CI (+/-)	0.20	0.80	0.21	0.26	0.20	0.26	0.25	0.23	0.11	0.13
Pioneer	MOS	4.3	4.0	3.3	3.7	4.5	3.4	3.8	3.6	4.0	3.7
	CI (+/-)	0.19	0.23	0.23	0.26	0.20	0.26	0.25	0.25	0.13	0.13
Sony	MOS	4.2	2.6	4.0	2.6	4.0	2.6	4.3	2.7	4.1	2.6
	CI (+/-)	0.25	0.33	0.24	0.31	0.22	0.26	0.17	0.33	0.11	0.15
Technics	MOS	4.2	3.7	3.7	3.5	4.5	3.4	4.0	3.5	4.1	3.5
	CI (+/-)	0.20	0.22	0.26	0.27	0.19	0.27	0.25	0.24	0.12	0.13

LAB COMPATIBILITY - 1st Adjacent Interference

				Classical		Rock		Speech		VoiceOver		Total	
				No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC
	Interferer	D/U dB	Data										
Delphi	Upper 1st	0	MOS	1.6	1.2	2.0	1.3	1.4	1.2	1.9	1.2	1.7	1.2
		+15	CI (+/-)	0.18	0.17	0.25	0.14	0.15	0.13	0.22	0.13	0.11	0.07
			MOS	3.8	3.0	3.5	3.4	3.3	2.5	3.8	2.9	3.6	2.9
			CI (+/-)	0.23	0.25	0.26	0.27	0.29	0.24	0.27	0.28	0.14	0.14
		+30	MOS	4.3	4.2	4.1	4.0	4.2	4.1	3.4	3.6	4.0	4.0
			CI (+/-)	0.22	0.21	0.26	0.21	0.20	0.22	0.22	0.22	0.12	0.11
Pioneer	Upper 1st	0	MOS	1.8	1.2	2.2	1.2	1.6	1.2	2.0	1.3	1.9	1.2
		+15	CI (+/-)	0.24	0.11	0.31	0.13	0.21	0.15	0.23	0.19	0.13	0.07
			MOS	3.7	3.0	3.7	3.4	3.8	2.2	3.9	2.7	3.8	2.8
			CI (+/-)	0.25	0.21	0.23	0.26	0.20	0.22	0.22	0.26	0.11	0.13
		+30	MOS	3.6	4.2	4.3	4.2	4.4	4.2	3.3	3.6	3.9	4.0
			CI (+/-)	0.21	0.23	0.22	0.23	0.25	0.21	0.22	0.23	0.13	0.12
Sony	Upper 1st	0	MOS	1.6	1.0	1.8	1.2	1.4	1.2	1.5	1.1	1.6	1.1
		+15	CI (+/-)	0.23	0.05	0.21	0.12	0.17	0.11	0.19	0.09	0.10	0.05
			MOS	3.1	2.6	3.6	3.3	3.2	2.1	3.2	2.3	3.3	2.6
			CI (+/-)	0.30	0.27	0.29	0.26	0.28	0.23	0.29	0.25	0.15	0.14
		+30	MOS	3.9	3.8	4.2	4.0	4.2	4.2	3.4	3.7	3.9	3.9
			CI (+/-)	0.24	0.27	0.21	0.23	0.23	0.23	0.27	0.24	0.13	0.12
Technics	Upper 1st	0	MOS	1.5	1.1	2.1	1.3	1.6	1.2	2.0	1.2	1.8	1.2
		+15	CI (+/-)	0.22	0.08	0.25	0.14	0.19	0.13	0.22	0.12	0.12	0.06
			MOS	3.7	2.8	3.4	3.2	3.9	2.3	4.0	2.7	3.8	2.7
			CI (+/-)	0.23	0.23	0.27	0.28	0.27	0.26	0.20	0.25	0.13	0.13
		+30	MOS	4.3	4.1	4.1	3.8	4.6	4.2	3.4	3.5	4.1	3.9
			CI (+/-)	0.21	0.22	0.25	0.25	0.17	0.22	0.26	0.26	0.13	0.13

LAB COMPATIBILITY - 2nd Adjacent Interference

	Interferer	D/U dB		Classical No IBOC IBOC	Rock No IBOC IBOC	Speech No IBOC IBOC	VoiceOver No IBOC IBOC	Total No IBOC IBOC					
Dephi	Upper 2nd	0	MOS	3.4 0.29	3.1 0.26	3.7 0.29	3.5 0.24	3.5 0.30	3.6 0.24	3.5 0.15	3.4 0.13		
			CI (+/-)										
		+15	MOS	4.1 0.21	4.0 0.21	2.6 0.32	2.5 0.32	4.0 0.26	3.9 0.26	3.9 0.24	3.8 0.16		
			CI (+/-)										
		+30	MOS	3.9 0.24	3.8 0.25	3.5 0.23	3.5 0.27	3.9 0.23	3.8 0.27	3.3 0.23	3.4 0.32	3.6 0.13	
			CI (+/-)										
Pioneer	Lower 2nd	0	MOS	3.3 0.28	2.9 0.31	4.0 0.28	3.1 0.29	3.7 0.29	2.5 0.26	3.9 0.23	2.7 0.28	3.7 0.14	2.8 0.14
			CI (+/-)										
		+15	MOS	4.1 0.21	4.0 0.24	2.5 0.29	2.5 0.29	3.9 0.25	3.9 0.20	3.9 0.25	4.0 0.26	3.6 0.16	3.6 0.16
			CI (+/-)										
		+30	MOS	4.2 0.21	4.1 0.23	3.0 0.25	3.5 0.26	4.1 0.22	4.1 0.23	3.4 0.29	3.5 0.35	3.7 0.14	3.8 0.14
			CI (+/-)										
Sony	Lower 2nd	0	MOS	2.5 0.34	1.4 0.21	3.5 0.34	1.7 0.24	3.4 0.36	1.4 0.21	3.4 0.33	1.5 0.20	3.2 0.18	1.5 0.11
			CI (+/-)										
		+15	MOS	3.7 0.26	2.8 0.30	3.2 0.32	3.2 0.30	3.8 0.22	2.6 0.29	3.3 0.25	2.4 0.28	3.5 0.14	2.8 0.15
			CI (+/-)										
		+30	MOS	4.2 0.22	4.1 0.22	4.1 0.24	3.9 0.26	4.0 0.25	3.9 0.27	3.5 0.31	3.4 0.25	3.9 0.13	3.8 0.13
			CI (+/-)										
Technics	Lower 2nd	0	MOS	3.2 0.24	1.8 0.29	3.9 0.25	2.0 0.28	3.9 0.28	2.1 0.27	2.0 0.22	2.0 0.24	3.7 0.13	2.0 0.14
			CI (+/-)										
		+15	MOS	4.3 0.21	3.7 0.24	2.9 0.29	2.6 0.32	4.1 0.23	3.7 0.25	3.7 0.19	3.7 0.29	3.8 0.14	3.4 0.16
			CI (+/-)										
		+30	MOS	4.3 0.23	4.2 0.17	3.4 0.30	3.3 0.25	4.2 0.24	4.3 0.18	3.4 0.24	2.9 0.28	3.8 0.14	3.7 0.14
			CI (+/-)										

LAB PERFORMANCE with Impulse Noise

Adjacent		Pulse	Classical			Rock		
Interferer	Mode	Rate	IBOC	Delphi	Sony	IBOC	Delphi	Sony
None	Core	120	Carmen	Carmen	Carmen	Cole	Cole	Cole
		510	Carmen	Carmen	Carmen	Cole	Cole	Cole
		1800	Carmen	Carmen	Carmen	Cole	Cole	Cole
	Enhanced	120	Bach	Bach	Bach	Clapton	Clapton	Clapton
		510	Bach	Bach	Bach	Clapton	Clapton	Clapton
		1800	Bach	Bach	Bach	Clapton	Clapton	Clapton
Lower 1st Adj D/U +6dB	Core	120	Ibert	Ibert	Ibert	EWF	EWF	EWF
		510	Ibert	Ibert	Ibert	EWF	EWF	EWF
		1800	Ibert	Ibert	Ibert	EWF	EWF	EWF

Adjacent		Pulse	Speech			VoiceOver		
Interferer	Mode	Rate	IBOC	Delphi	Sony	IBOC	Delphi	Sony
None	Core	120	FemaleA1	FemaleA1	FemaleA1	Camera	Camera	Camera
		510	FemaleA1	FemaleA1	FemaleA1	Camera	Camera	Camera
		1800	FemaleA1	FemaleA1	FemaleA1	Camera	Camera	Camera
	Enhanced	120	MaleA1	MaleA1	MaleA1	BalletWoman	BalletWoman	BalletWoman
		510	MaleA1	MaleA1	MaleA1	BalletWoman	BalletWoman	BalletWoman
		1800	MaleA1	MaleA1	MaleA1	BalletWoman	BalletWoman	BalletWoman
Lower 1st Adj D/U +6dB	Core	120	FemaleB2	FemaleB2	FemaleB2	WTOP Theme	WTOP Theme	WTOP Theme
		510	FemaleB2	FemaleB2	FemaleB2	WTOP Theme	WTOP Theme	WTOP Theme
		1800	FemaleB2	FemaleB2	FemaleB2	WTOP Theme	WTOP Theme	WTOP Theme

LAB PERFORMANCE - AWGN Characterization - SAMPLES

IBOC	Classical	Rock	Speech	VoiceOver
	Ibert	Santana	FemaleA1	Riverdance

LAB PERFORMANCE - Co-Channel and 1st Adjacent Interference - SAMPLES

Primary		Secondary	Classical				
Interferer	Mode	Interferer	IBOC	Delphi	Pioneer	Sony	Technics
Co-Channel	Core	NONE	Saito	Saito	Saito	Saito	Saito
	Enhanced	NONE	Saito	Saito	Saito	Saito	Saito
Lower 1st Adj	Core	NONE	Stravinsky	Stravinsky	Stravinsky	Stravinsky	Stravinsky
		Upper 1st +6dB	Debussy	Debussy	Debussy	Debussy	Debussy
	Enhanced	NONE	Stravinsky	Stravinsky	Stravinsky	Stravinsky	Stravinsky

Primary		Secondary	Rock				
Interferer	Mode	Interferer	IBOC	Delphi	Pioneer	Sony	Technics
Co-Channel	Core	NONE	Fagen	Fagen	Fagen	Fagen	Fagen
	Enhanced	NONE	Fagen	Fagen	Fagen	Fagen	Fagen
Lower 1st Adj	Core	NONE	Fleetwood	Fleetwood	Fleetwood	Fleetwood	Fleetwood
		Upper 1st	REO	REO	REO	REO	REO
	Enhanced	NONE	Fleetwood	Fleetwood	Fleetwood	Fleetwood	Fleetwood

Primary		Secondary	Speech				
Interferer	Mode	Interferer	IBOC	Delphi	Pioneer	Sony	Technics
Co-Channel	Core	NONE	FemaleC10	FemaleC10	FemaleC10	FemaleC10	FemaleC10
	Enhanced	NONE	FemaleC10	FemaleC10	FemaleC10	FemaleC10	FemaleC10
Lower 1st Adj	Core	NONE	MaleC5	MaleC5	MaleC5	MaleC5	MaleC5
		Upper 1st	MaleA1	MaleA1	MaleA1	MaleA1	MaleA1
	Enhanced	NONE	MaleC5	MaleC5	MaleC5	MaleC5	MaleC5

Primary		Secondary	VoiceOver				
Interferer	Mode	Interferer	IBOC	Delphi	Pioneer	Sony	Technics
Co-Channel	Core	NONE	Richmond	Richmond	Richmond	Richmond	Richmond
	Enhanced	NONE	Richmond	Richmond	Richmond	Richmond	Richmond
Lower 1st Adj	Core	NONE	Imagine	Imagine	Imagine	Imagine	Imagine
		Upper 1st	WTOP Theme	WTOP Theme	WTOP Theme	WTOP Theme	WTOP Theme
	Enhanced	NONE	Imagine	Imagine	Imagine	Imagine	Imagine

LAB PERFORMANCE - 2nd and 3rd Adjacent Interference - SAMPLES

Primary		Secondary	Classical			Rock		
Interferer	Mode	Interferer	IBOC	Sony	Technics	IBOC	Sony	Technics
Lower 2nd Adj	Core	NONE	Bach	Bach	Bach	Grant	Grant	Grant
		U1+6dB	Carmen	Carmen	Carmen	Santana	Santana	Santana
		U2 0dB	Ibert	Ibert	Ibert	Stansfield	Stansfield	Stansfield
	Enhanced	NONE	Bach	Bach	Bach	Grant	Grant	Grant
		U2 0dB	Ibert	Ibert	Ibert	Stansfield	Stansfield	Stansfield
Lower 3rd Adj	Core	NONE	Messiah	Messiah	Messiah	Travis	Travis	Travis
	Enhanced	NONE	Messiah	Messiah	Messiah	Travis	Travis	Travis

Primary		Secondary	Speech			VoiceOver		
Interferer	Mode	Interferer	IBOC	Sony	Technics	IBOC	Sony	Technics
Lower 2nd Adj	Core	NONE	FemaleB2	FemaleB2	FemaleB2	BalletWoman	BalletWoman	BalletWoman
		U1+6dB	FemaleC10	FemaleC10	FemaleC10	Camera	Camera	Camera
		U2 0dB	MaleB4	MaleB4	MaleB4	Richmond	Richmond	Richmond
	Enhanced	NONE	FemaleC10	FemaleC10	FemaleC10	BalletWoman	BalletWoman	BalletWoman
		U2 0dB	MaleB4	MaleB4	MaleB4	Richmond	Richmond	Richmond
Lower 3rd Adj	Core	NONE	MaleC5	MaleC5	MaleC5	Imagine	Imagine	Imagine
	Enhanced	NONE	MaleC5	MaleC5	MaleC5	Imagine	Imagine	Imagine

LAB COMPATIBILITY - Host

	Classical	Rock		Speech		VoiceOver	
	No IBOC	IBOC		No IBOC	IBOC	No IBOC	IBOC
Delphi	Bach	Bach	Santana	Santana	MaleC5	MaleC5	From Richmond
Pioneer	Bach	Bach	Santana	Santana	MaleC5	MaleC5	From Richmond
Sony	Bach	Bach	Santana	Santana	MaleC5	MaleC5	From Richmond
Technics	Bach	Bach	Santana	Santana	MaleC5	MaleC5	From Richmond

LAB COMPATIBITILIY - 1st Adjacent Interference

			Classical		Rock		Speech		VoiceOver	
	Interferer	D/U dB	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC
Delphi	Upper 1st	0	Bach	Bach	Clapton	Clapton	FemaleA1	FemaleA1	Balletwoman	Balletwoman
		+15	Debussy	Debussy	EWF	EWF	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Vega	Vega	FemaleC10	FemaleC10	WTOP Theme	WTOP Theme
Pioneer	Upper 1st	0	Bach	Bach	Clapton	Clapton	FemaleA1	FemaleA1	Balletwoman	Balletwoman
		+15	Debussy	Debussy	EWF	EWF	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Vega	Vega	FemaleC10	FemaleC10	WTOP Theme	WTOP Theme
Sony	Upper 1st	0	Bach	Bach	Clapton	Clapton	FemaleA1	FemaleA1	Balletwoman	Balletwoman
		+15	Debussy	Debussy	EWF	EWF	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Vega	Vega	FemaleC10	FemaleC10	WTOP Theme	WTOP Theme
Technics	Upper 1st	0	Bach	Bach	Clapton	Clapton	FemaleA1	FemaleA1	Balletwoman	Balletwoman
		+15	Debussy	Debussy	EWF	EWF	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Vega	Vega	FemaleC10	FemaleC10	WTOP Theme	WTOP Theme

LAB COMPATIBITILIY - 2nd Adjacent Interference

			Classical		Rock		Speech		VoiceOver	
	Interferer	D/U dB	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC	No IBOC	IBOC
Dephi	Upper 2nd	0	Bach	Bach	Fagen	Fagen	FemaleA1	FemaleA1	BalletWoman	BalletWoman
		+15	Debussy	Debussy	REO	REO	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Travis	Travis	FemaleC10	FemaleC10	WTOPTheme	WTOPTheme
Pioneer	Lower 2nd	0	Bach	Bach	Fagen	Fagen	FemaleA1	FemaleA1	BalletWoman	BalletWoman
		+15	Debussy	Debussy	REO	REO	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Travis	Travis	FemaleC10	FemaleC10	WTOPTheme	WTOPTheme
Sony	Lower 2nd	0	Bach	Bach	Fagen	Fagen	FemaleA1	FemaleA1	BalletWoman	BalletWoman
		+15	Debussy	Debussy	REO	REO	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Travis	Travis	FemaleC10	FemaleC10	WTOPTheme	WTOPTheme
Technics	Lower 2nd	0	Bach	Bach	Fagen	Fagen	FemaleA1	FemaleA1	BalletWoman	BalletWoman
		+15	Debussy	Debussy	REO	REO	FemaleB2	FemaleB2	Camera	Camera
		+30	Stravinsky	Stravinsky	Travis	Travis	FemaleC10	FemaleC10	WTOPTheme	WTOPTheme